

12/07/01

J1130 U.S. PTO

 10/16/01
 69810/01
 PTO S H 1260C

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 211994

First Inventor Ortoleva

 METHODS FOR MODELING MULTI-
 DIMENSIONAL DOMAINS USING
 INFORMATION THEORY TO
 RESOLVE GAPS IN DATA AND IN
 THEORIES

Title

Express Mail Label No. EL 841013297 US

APPLICATION ELEMENTS

 ADDRESS Commissioner for Patents
 TO: Box Patent Application
 Washington, DC 20231

1. ☒ Utility Patent Application Transmittal Form
2. ☒ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification (including claims and abstract)
[Total Pages 72]
[Total Sheets 38]
4. ☒ Drawings
[Total Sheets 38]
5. ☒ Combined Declaration and Power of Attorney [Total Pages 3]
 - a. ☒ Newly executed
 - b. ☐ Copy from prior application
[Note Box 6 below]
 - i. ☐ Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application
6. ☐ Incorporation by Reference: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered as part of the disclosure of the accompanying application and is hereby incorporated by reference.
7. ☒ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
9. Nucleotide and/or Amino Acid Sequence Submission
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper Copy
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

10. ☐ Applicant requests early publication.
(include publication fee under 37 CFR 1.18(d))
11. ☐ Assignment Papers
(cover sheet and document(s))
12. ☐ 37 CFR 3.73(b) Statement (when there is an Assignee)
13. ☐ Power of Attorney
14. ☐ English Translation Document (if applicable)
15. ☐ Information Disclosure Statement (IDS)
 - ☐ Form PTO-1449
 - ☐ Copies of Listed Documents
16. ☐ Preliminary Amendment
17. ☒ Return Receipt Postcard
(Should be specifically itemized)
18. ☐ Claim of Priority & Certified Copy of Priority Document(s)
19. ☐ Request & Certification Under 35 USC 122(b)(2)(B)(i) (Form PTO/SB/35 or its equivalent must be submitted with this application to prevent publication at 18 months)
20. ☐ Other:

21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below:
- ☐ Continuation ☐ Divisional ☒ Continuation-in-part of prior application no. 09/818,752.
 Prior application information: Examiner Unassigned; Group Art Unit: 2173

APPLICATION FEES

| BASIC FEE | | | | \$740.00 |
|---|--------------|--------------|------|--------------------|
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | |
| Total Claims | 49 | -20= | 29 | x \$18.00 \$522.00 |
| Independent Claims | 4 | -3= | 1 | x \$84.00 \$84.00 |
| <input type="checkbox"/> Multiple Dependent Claim if applicable | | | | + \$280.00 \$ |
| Total of above calculations = | | | | \$1,346.00 |
| Reduction by 50% for filing by small entity = | | | | \$(673.00) |
| <input type="checkbox"/> Assignment fee if applicable | | | | + \$40.00 \$ |
| <input type="checkbox"/> Early publication fee if applicable | | | | + \$300.00 \$ |
| TOTAL = | | | | \$673.00 |

UTILITY PATENT APPLICATION TRANSMITTAL

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22. ☒ Please charge my Deposit Account No. 12-1216 in the amount of \$673.00.
23. ☐ A check in the amount of \$ is enclosed.
24. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 12-1216:
- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
25. ☒ The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 12-1216 for any fee that may be due in connection with such a request for an extension of time.

26. CORRESPONDENCE ADDRESS

☒ Customer Number: 23460**23460**

PATENT TRADEMARK OFFICE

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Name Salim A. Hasan, Registration No. 38,175

Signature

Date

December 7, 2001

Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application Transmittal and all accompanying documents are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" Service under 37 CFR 1.10 on the date indicated below and is addressed to: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

| | | |
|-------------------------|-------------------------|------------------|
| <i>Virginia Schofle</i> | <i>Virginia Schofle</i> | December 7, 2001 |
| Name of Person Signing | Signature | Date |

Utility Transmittal (Revised 10/18/01)